



Embassy of the United States of America

Baghdad, Republic of Iraq

Solicitation 191Z1020Q0005

Project: Red-CAC-Comms-Room for the U.S. Embassy -Baghdad

Questions & Answers

December 29, 2019

Question 1: What will be the path of the cable from D-501 to D-502 and what is the total length if the cable will be threaded through the ground tray?

Answer: Approximately 10 Meter through the existing underground trench or core drill through the concrete wall. TBD by Contractor during project planning/kick-off meeting.

Question 2: What is the type of the cable from PMT23 to DP-DE3, are they a single solid conductors' cables or 4 cores combined with single core ground? Please confirm that the actual total length will be 100m?

Answer: check SOW page 6, type THHN-THWN, XHHW, or XHHW-2 complying with NEMA WC 5 , see OBO standard 16120-2. Stranded cable works best in this application (see photo below for example). 100 meters is not an exact length. 100 meters is approximately 10 to 20% more than the actual length.



Question 3: Any work will be done on the power cable that's currently running through D-502 to room D-503?

Answer: No

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Question 4: What will be the required size, height, length and pattern for cables ladder in D-502?

Answer: The Contractor is not responsible for Cable Ladders or Cable Trays. This work will be performed by DOS (IRM) after the Contractor's work is completed.

Question 5: What is the required size for the steel pipes that will be used to run wires between the distribution boards and receptacles/ lighting switches? Does the end user desire a steel or PVC pipes?

Answer: Standard size that complies with amount of the cables, steel pipes with grounding all the pipes. Typically ½ - ¾ inch rigid conduit is used in these applications. Electrical conduit for this project should match the existing electrical conduit currently in Room 501 and other rooms at the Red CAC. This conduit is typically exposed galvanized rigid conduit.

Question 6: Is there any specific type of power control needed for the HVAC unit? For example: a rotative power switch or a breaker.

Answer: A rotative power switch should be utilized. It will serve as a disconnect switch and should be mounted on the wall near the HVAC Unit.

Question 7: No electrical work will occur in D-503&4, please confirm.

Answer: Confirm. No electrical work will be performed in D-503 and D-504. Only core drilling will be performed in these walls.

Question 8: After making a hole for the new door, can we use cement mix to fix any dents/cracks in the wall and edges to prepare it for installing the door?

Answer: Yes. Make sure to match existing door installations at the Red CAC.

Question 9: Please confirm if the contractor will be responsible only for drilling 4" holes with concrete core drill as mentioned in the scope of work, and not responsible for installing PVC sleeves/tubing, gaskets and fire plugs.

Answer: Confirmed. Installing PVC sleeves/tubing, gaskets, and fire plugs will be performed by DOS after the Contractor's work is completed.

Question 10: The Plywood that will be installed to the eastern side (D-504&3) side only, please confirm.

Answer: Plywood will be installed along the interior eastern wall of D-502.

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Question 11: Interior paint is only for room D-502. Please confirm.

Answer: Yes. There may be some very minor painting after mounting DP-DEM-DE3. All of Room D-502 (walls and ceiling) will be painted.



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